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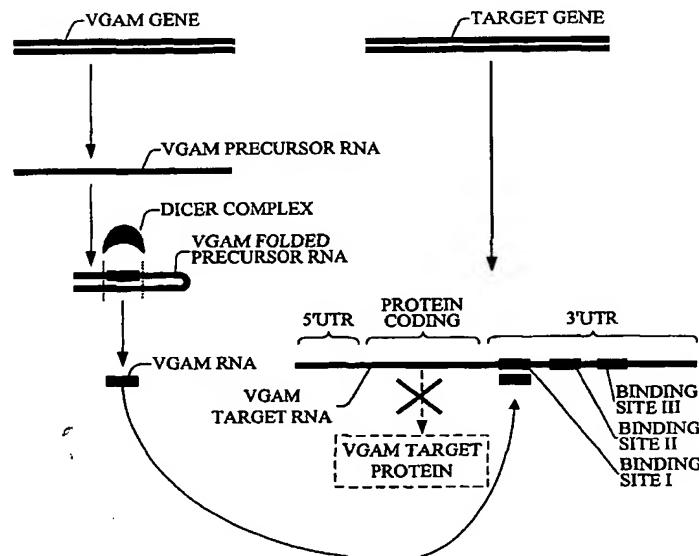
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(54) Title: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES AND USES THEREOF



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(57) Abstract: The present invention relates to a first group of novel genes, here identified as genomic address messenger or VGAM genes, and a second group of novel operon-like genes, here identified as viral genomic record or VGR genes. VGAM genes selectively inhibit translation of known 'target' genes, many of which are known to be involved in various diseases. Nucleic acid molecules are provided respectively encoding 1560 VGAM genes, and 205 VGR genes, as are vectors and probes both comprising the nucleic acid molecules, and methods and systems for detecting VGAM and VGR genes and specific functions and utilities thereof, for detecting expression of VGAM and VGR genes, and for selectively enhancing and selectively inhibiting translation of the respective target genes thereof.



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